

Application of: Peter Arthur Tobler, et al.  
Serial No.: 10/708,146  
Amendment D

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**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior revisions, and listings, of claims in the application.

**Listing of Claims:**

1. (Currently Amended) A method for monitoring facility data utilizing a computer system comprising:

inputting information relating to at least one part from at least one input device into the computer system;

inputting information relating to at least one field from the at least one input device into the computer system;

automatically inputting product quality control measurement data regarding a possible [[part]] product defect from a plurality of measurement devices, and at least partially correlating the inputted product quality control measurement data regarding a possible product defect to the information relating to the at least one part and the information relating to the at least one field, where said at least partially correlating assists in locating a possible part defect; and

displaying the correlating data on a workstation communicable with the computer system.

2. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 1, wherein the inputting information relating to the at least one part includes inputting at least one part type and inputting at least one specific part and the inputting

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information relating to the at least one field includes inputting at least one field group and inputting at least one specific field.

3. (Original) The method for monitoring facility data utilizing a computer system as set forth in Claim 1, further comprises inputting information relating to at least one facility into the computer system.

4. (Currently Amended) The method for monitoring facility data utilizing a computer system as set forth in Claim 2, wherein the at least one part type is selected from the group consisting of types of components of ~~products~~ parts, types of subassemblies of ~~products~~ parts, types of fully assembled ~~products~~ parts, types of manufacturing machines, and types of processing machines.

5. (Currently Amended) The method for monitoring facility data utilizing a computer system as set forth in Claim 2, wherein the at least one specific ~~[[part]]~~ product includes information that is selected from the group consisting of at least one ~~[[part]]~~ product name, at least one product code, at least one brand code, at least one regulatory category, at least one Hazard Analysis and Critical Control Point category and at least one product characteristic information.

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6. (Original) The method for monitoring facility data utilizing a computer system as set forth in Claim 2, wherein the at least one field group is selected from the group consisting of bone types, zero tolerance items, reprocessed zero tolerance items, salvaged zero tolerance items, fecal contamination locations, sanitation standard operating procedures (SSOP) ratings and work-in-progress temperatures.

7. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 1, wherein the inputting the product quality control measurement data from a plurality of measurement devices includes inputting at least one type of unit of measurement.

8. (Original) The method for monitoring facility data utilizing a computer system as set forth in Claim 7, wherein the at least one type of unit of measurement is selected from the group consisting of weight, count, temperature, percentage, string data, date, time, proportion, measurement, speed, pressure and length of time.

9. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 1, wherein the inputting the product quality control measurement data from a plurality of measurement devices includes inputting at least one specific unit of measurement.

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10. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 1, wherein the inputting the product quality control measurement data from a plurality of measurement devices includes inputting at least one type of test.

11. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 1, wherein the inputting the product quality control measurement data from a plurality of measurement devices includes at least one specific test.

12. (Original) The method for monitoring facility data utilizing a computer system as set forth in Claim 10, wherein the at least one type of test is selected from the group consisting of a temperature of a product at a particular point in processing, inspection for fecal contamination, weight of the product, percentage of trisodium phosphate solution, verification of critical limits, pre-shipment verification of product quality, thermometer calibration with comparison against NST certified standard weight and visual inspections regarding sanitation.

13. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 1, wherein the inputting the product quality control measurement data from a plurality of measurement devices includes inputting information selected from the group consisting of at least one type of measurement device, at least one manufacturer of a measurement device, at least one model of measurement device and at least one specific measurement device.

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14. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 13, wherein the inputting information relating to at least one type of measurement device is selected from the group consisting of at least one indication as to whether a measurement device type is portable, at least one indication as to whether a model of measurement device model requires two-point calibration, and at least one indication of whether a specific measurement device is a reference device.

15. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 1, further comprising viewing the product quality control measurement data utilizing at least one workstation.

16. (Original) The method for monitoring facility data utilizing a computer system as set forth in Claim 15, wherein the at least one workstation is selected from the group consisting of pocket processors, industrial computers, programmable logic controllers and personal computers.

17. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 15, wherein the computer system includes at least one main server that is able to transmit data with the at least one workstation through a transmission medium

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selected from a group consisting of wireless communication, direct hardwired connection, local area networks, wireless communication, internet and wide area network.

18. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 15, wherein the at least one workstation includes associated information selected from the group consisting of at least one name of a workstation type, at least one indication as to whether a workstation type is portable, at least one name of a workstation manufacturer, contact information for a workstation manufacturer, at least one indication as to whether a workstation manufacturer is active, at least one name of a workstation model, at least one name of a workstation model manufacturer, at least one type of workstation and at least one indication as to whether a workstation model is active, at least one name of a specific workstation, at least one type of a specific workstation, at least one serial number for a specific workstation, and at least one indication as to whether a specific workstation is active.

19. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 1, further comprising evaluating the inputted product quality control measurement data from a plurality of measurement devices with the computer system in accordance with at least one predetermined test and providing a notification when the at least one predetermined test fails.



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20. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 1, further comprising evaluating the inputted product quality control measurement data from a plurality of measurement devices with the computer system in accordance with at least one predetermined test and providing an assignable cause when the at least one predetermined test fails.

21. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 1, further comprising evaluating the inputted product quality control measurement data from a plurality of measurement devices with the computer system in accordance with at least one predetermined test and providing a recommended remedial action when the at least one predetermined test fails.

22. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 19, wherein the at least one predetermined test includes aspects selected from the group consisting of at least one predetermined target, a selection of a predetermined number of decimals from a predetermined target, an indication of whether there is zero tolerance regarding the predetermined target, a selection of an upper alert limit for the predetermined target, a selection of a lower alert limit for the predetermined target, a selection of an upper alarm limit for the predetermined target, a selection of a lower alarm limit for the predetermined target, a selection of an upper guard limit for the predetermined target, a selection of an lower guard limit for the predetermined target, a selectable maximum percentage of an upper limit, a selectable value for a maximum upper limit, an input for an alarm string, a

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corrective action procedure for the at least one predetermined test, an activation date for the at least one predetermined test, an activation time for the at least one predetermined test, a deactivation date for the at least one predetermined test and a deactivation time for the at least one predetermined test.

23. (Original) The method for monitoring facility data utilizing a computer system as set forth in Claim 1, further comprising generating reports with the computer system.

24. (Original) The method for monitoring facility data utilizing a computer system as set forth in Claim 23, wherein the generating reports with the computer system includes reports selected from the group consisting of at least one calibration report, at least one alert report, at least one alarm report, at least one corrective action report, at least one data edit report, at least one data verification report, at least one hold tag report, at least one pre-shipment review report, at least one report log report, at least one root cause report and at least one workstation schedule report.

25. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 23, further providing an electronic signature from at least one user for reports selected from the group of reports consisting of at least one alarm report, at least one data edit report, at least one data verification report, and at least one pre-shipment review report.



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26. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 15, further comprising identifying at least one first user that provides the entering of the product quality control measurement data utilizing at least one workstation.

27. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 26, wherein the identifying at least one first user that provides the entering of the product quality control measurement data utilizing at least one workstation includes inputting a userid and a personal identification number to create an electronic signature.

28. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 26, further comprising observing verification of the entered product quality control measurement data by the at least one first user with at least one second user.

29. (Original) The method for monitoring facility data utilizing a computer system as set forth in Claim 28, further comprising identifying the identity of the at least one second user by inputting a userid and a personal identification number to create an electronic signature.

30. (Original) The method for monitoring facility data utilizing a computer system as set forth in Claim 19, wherein the failure of the at least one predetermined test generates an alarm.

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31. (Previously Presented) The method for monitoring facility data utilizing a computer system as set forth in Claim 19, further including generating at least one statistical process control chart utilizing the inputted product quality control measurement data.

32. (Original) The method for monitoring facility data utilizing a computer system as set forth in Claim 1, wherein selective aspects of the computer system can be selectively blocked from view for a user depending on a predetermined security role determined for that user.

33. (Currently Amended) A method for monitoring facility data utilizing a computer system comprising:

inputting information relating to at least one part into the computer system;

inputting information relating to at least one field into the computer system;

automatically inputting product quality control measurement data regarding a possible

[[part]] product defect from a plurality of measurement devices;

viewing the product quality control measurement data utilizing at least one workstation;

evaluating inputted product quality control measurement data regarding a possible product defect from a plurality of measurement devices with the computer system in accordance with at least one predetermined test and providing a notification when the at least one predetermined test fails; and

at least one input device for receiving information relating to at least one part and receiving information relating to at least one field, and at least partially correlating the inputted

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product quality control measurement data regarding said product defect to the information relating to the at least one part defect and the information relating to the at least one field, where said at least partially correlating assists in locating a possible part defect; and

a plurality of measurement devices for receiving the at least partially correlated product quality control measurement data regarding a possible product defect.

34. (Cancelled)

35. (Currently Amended) The computer system for monitoring facility data as set forth in Claim 33, wherein the information relating to the at least one part includes at least one part type and at least one specific part and the information relating to the at least one field includes at least one field type and at least one specific field, and wherein the product quality control measurement data regarding a possible product defect include a specific product type.

36. (Currently Amended) The computer system for monitoring facility data as set forth in Claim 35, wherein the at least one part type is selected from the group consisting of types of components of ~~products~~ parts, types of subassemblies of ~~products~~ parts, types of fully assembled ~~products~~ parts, types of manufacturing machines and types of processing machines, wherein the at least one specific ~~[[part]]~~ product includes information that is selected from the group consisting of at least one ~~[[part]]~~ product name, at least one product code, at least one brand code, at least one regulatory category, at least one Hazard Analysis and Critical Control Point

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category and at least one product characteristic information and wherein the at least one field type is selected from the group consisting of bone types, zero tolerance items, reprocessed zero tolerance items, salvaged zero tolerance items, fecal contamination locations, sanitation standard operating procedures (SSOP) ratings and work-in-progress temperatures.

37. (Previously Presented) The computer system for monitoring facility data as set forth in Claim 33, wherein the inputted product quality control measurement data regarding a possible product defect that is at least partially correlated to the information relating to the at least one part and the information relating to the at least one field includes information selected from the group consisting of at least one type of unit of measurement, at least one specific unit of measurement, at least one type of test, at least one specific test, at least one type of measurement device, at least one manufacturer of a measurement device, at least one model of measurement device and at least one specific measurement device.

38. (Previously Presented) The computer system for monitoring facility data as set forth in Claim 33, further comprising at least one workstation for viewing the product quality control measurement data.

39. (Original) The computer system for monitoring facility data as set forth in Claim 38, wherein the at least one workstation is selected from the group consisting of pocket processors, industrial computers, programmable logic controllers and personal computers.

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40. (Previously Presented) The computer system for monitoring facility data as set forth in Claim 33, further comprising at least one main server that is able to transmit data with the at least one workstation through a transmission medium selected from a group consisting of wireless communication, direct hardwired connection, local area networks, wireless communication, internet and wide area network.

41. (Previously Presented) The computer system for monitoring facility data as set forth in Claim 33, wherein the inputted product quality control measurement data regarding a possible product defect is evaluated with the computer system with at least one predetermined test and a notification is provided if the at least one predetermined test fails.

42. (Previously Presented) The computer system for monitoring facility data as set forth in Claim 33, wherein the computer system generates at least one report.

43. (Original) The computer system for monitoring facility data as set forth in Claim 42, wherein the at least one report is selected from the group consisting of at least one calibration report, at least one alert report, at least one alarm report, at least one corrective action report, at least one data edit report, at least one data verification report, at least one hold tag report, at least one pre-shipment review report, at least one report log report, at least one root cause report and at least one workstation schedule report.

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44. (Cancelled)

45. (Cancelled)

46. (Previously Presented) The computer system for monitoring facility data as set forth in Claim 33, wherein the computer system generates an alarm upon failure of at least one predetermined test.

47. (Previously Presented) The computer system for monitoring facility data as set forth in Claim 33, wherein the computer system generates a response from the group consisting of a recommended remedial action and an assignable cause.

48. (Currently Amended) A method for monitoring facility data utilizing a computer system comprising:

inputting information relating to at least one part from at least one input device into the computer system;

inputting information relating to at least one field from the at least one input device into the computer system;



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automatically inputting product quality control measurement data regarding a possible [[part]] product defect from a plurality of measurement devices, and at least partially correlating inputted product quality control measurement data regarding a possible product defect to the information relating to the at least one part and the information relating to the at least one field, where said at least partially correlating assists in locating a possible part defect;

displaying the correlating data on a workstation communicable with the computer system;

wherein the inputting information relating to the at least one part includes inputting least one part type and inputting at least one specific part and the inputting information relating to the at least one field includes inputting at least one field group and inputting at least one specific field; and

wherein the at least one part type is selected from the group consisting of types of components of ~~products~~ part, types of subassemblies of products, types of fully assembled products, types of manufacturing machines, and types of processing machines.

49. (Currently Amended) A method for monitoring facility data utilizing a computer system comprising:

inputting information relating to at least one part from at least one input device into the computer system;

inputting information relating to at least one field from the at least one input device into the computer system;

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automatically inputting product quality control measurement data regarding a possible ~~[[part]]~~ product defect from a plurality of measurement devices, wherein the inputted product quality control measurement data regarding a possible product defect is at least partially correlated to the information relating to the at least one part and the information relating to the at least one field, where said at least partially correlating assists in locating a possible part defect;

displaying the correlating data on a workstation communicable with the computer system;

wherein the inputting data regarding a possible product defect ~~information relating to the at least one part~~ includes inputting least one ~~[[part]]~~ product type and inputting at least one specific ~~[[part]]~~ product ~~and the inputting information relating to the at least one field includes inputting at least one field group and inputting at least one specific field; and~~

wherein the at least one specific ~~[[part]]~~ product includes information that is selected from the group consisting of at least one ~~[[part]]~~ product name, ~~at least one part type~~, at least one product code, at least one brand code, at least one regulatory category, at least one Hazard Analysis and Critical Control Point category and at least one product characteristic information.

50. (Currently Amended) A method for monitoring facility data utilizing a computer system comprising:

inputting information relating to at least one part from at least one input device into the computer system;

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inputting information relating to at least one field from the at least one input device into the computer system;

automatically inputting product quality control measurement data regarding a possible ~~[[part]]~~ product defect from a plurality of measurement devices, wherein the inputted product quality control measurement data regarding a possible product defect is at least partially correlated to the information relating to the at least one part and the information relating to the at least one field, where said at least partially correlating assists in locating a possible part defect;

displaying the correlating data on a workstation communicable with the computer system;

wherein the inputting data regarding a possible product defect ~~information relating to the at least one part~~ includes inputting least one ~~[[part]]~~ product type and inputting at least one specific ~~[[part]]~~ product and the inputting information relating to the at least one field includes inputting at least one field group and inputting at least one specific field; and

wherein the at least one field group is selected from the group consisting of bone types, zero tolerance items, reprocessed zero tolerance items, salvaged zero tolerance items, fecal contamination locations, sanitation standard operating procedures (SSOP) ratings and work-in-progress temperatures.

51. (Currently Amended) A method for monitoring facility data utilizing a computer system comprising:

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inputting information relating to at least one part from at least one input device into the computer system;

inputting information relating to at least one field from the at least one input device into the computer system;

automatically inputting product quality control measurement data regarding a possible ~~[[part]]~~ product defect from a plurality of measurement devices, wherein the inputted product quality control measurement data regarding a possible product defect is at least partially correlated to the information relating to the at least one part and the information relating to the at least one field, where said at least partially correlating assists in locating a possible part defect;

displaying the correlating data on a workstation communicable with the computer system;

wherein the inputting measurement data regarding a possible ~~device~~ product defect from a plurality of measurement devices includes inputting at least one type of unit of measurement; and

wherein the at least one type of unit of measurement is selected from the group consisting of weight, count, temperature, percentage, string data, date, time, and proportion; ~~measurement, speed, pressure and length of time.~~

52. (Currently Amended) A method for monitoring facility data utilizing a computer system comprising:

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inputting information relating to at least one part from at least one input device into the computer system;

inputting information relating to at least one field from the at least one input device into the computer system;

automatically inputting product quality control measurement data regarding a possible **[[part]] product** defect from a plurality of measurement devices, wherein the inputted product quality control measurement data regarding a possible product defect is at least partially correlated to the information relating to the at least one part and the information relating to the at least one field, where said at least partially correlating assists in locating a possible part defect;

wherein the inputting measurement data regarding a possible ~~device~~ product defect from a plurality of measurement devices includes inputting at least one type of test; and

wherein the at least one type of test is selected from the group consisting of a temperature of a product at a particular point in processing, inspection for fecal contamination, weight of the product, percentage of trisodium phosphate solution, verification of critical limits, pre-shipment verification of product quality, thermometer calibration with comparison against NST certified standard weight and visual inspections regarding sanitation.

53. (Cancelled)

54. (Cancelled)

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55. (Cancelled)

56. (Cancelled)

57. (Cancelled)

58. (Currently Amended) A method for monitoring facility data utilizing a computer system comprising:

inputting information relating to at least one part from at least one input device into the computer system;

inputting information relating to at least one field from the at least one input device into the computer system;

automatically inputting product quality control measurement data regarding a possible [[part]] product defect from a plurality of measurement devices, and at least partially correlating the inputted product quality control measurement data regarding a possible product defect to the information relating to the at least one part and the information relating to the at least one field, where said at least partially correlating assists in locating a possible part defect;

generating reports with the computer system;



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providing an electronic signature from at least one user for reports selected from the group of reports consisting of at least one alarm report, at least one data edit report, at least one data verification report, and at least one pre-shipment review report; and

displaying the correlating data and reports on a workstation communicable with the computer system.

59. (Cancelled)

60. (Currently Amended) A computer system for monitoring facility data comprising:

at least one input device for receiving information relating to at least one part and receiving information relating to at least one field;

a plurality of measurement devices for receiving product quality control measurement data regarding a possible [[part]] product defect, wherein inputted product quality control measurement data is automatically inputted, and is at least partially correlated to the information relating to the at least one part and the information relating to the at least one field, where said at least partial correlation assists in locating a possible part defect; and

wherein the inputted product quality control measurement data regarding a possible [[part]] product defect that is at least partially correlated to the information related to the at least one part and the information relating to the at least one field includes information selected from the group consisting of at least one type of unit of measurement, at least one specific unit of measurement, at least one type of test, at least one specific test, at least one type of measurement

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device, at least one manufacturer of a measurement device, at least one model of measurement device and at least one specific measurement device.

61. (Currently Amended) A computer system for monitoring facility data comprising:

at least one input device for receiving information relating to at least one part and receiving information relating to at least one field;

a plurality of measurement devices for receiving product quality control measurement data regarding a possible [[part]] product defect, wherein the inputted product quality control measurement data is automatically inputted, and is at least partially correlated to the information relating to the at least one part and the information relating to the at least one field, where said at least partial correlation assists in locating a possible part defect;

wherein the computer system generates at least one report; and

wherein the at least one report is selected from the group consisting of at least one calibration report, at least one alert report, at least one alarm report, at least one corrective action report, at least one data edit report, at least one data verification report, at least one hold tag report, at least one pre-shipment review report, at least one report log report, at least one root cause report and at least one workstation schedule report.